COMMONWEALTH of VIRGINIA

DEPARTMENT OF WASTE MANAGEMENT
11th Floor, Monroe Building
101 N. 14th Street
Richmond, VA 23219
(804) 225-2667

APR 13 1988

Mr. Dennis Carney (3HW16)
U.S. Environmental Protection Agency (Region III)
Superfund Remedial Enforcement
841 Chestnut Building
Philadelphia, Pennsylvania 19107

Dear Mr. Carney,

Please find enclosed, a copy of the memorandum which was forwarded to Mr. James Adadms concerning removal activities recently conducted at Matthews Electroplating, Salem, Virginia. I am providing this information to you at the request of Dr. K.C. Das, Division of Special Programs and Administration (Superfund). Should you require additional information, please contact me by dialing (804) 225-2529.

Sincerely,

Gerould J. McCoy

Gerould J. McCoy, Chemist
Superfund Remedial Program

Encl.

COMMONWEALTH of VIRGINIA

DEPARTMENT OF WASTE MANAGEMENT
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101 N. 14th Street
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MEMORANDUM

Date: April 5, 1988

To: James A. Adams, Supervisor
Remedial Design and Construction

From: Gerould J. McCoy, Chemist 4/5/88
Remedial Superfund Program

Subj: Matthews Electroplating Removal Action

On Saturday, March 26, 1988, at 8:00 a.m., I attended a meeting at Matthews Electroplating located on state route 796 (5500 block of Pleasant Run Road) Salem, Virginia. The purpose of this meeting concerned the removal of contaminated material and equipment from this facility. Present during the removal were; Mr. Charles Dipoto (On-Scene Coordinator, EPA Region III), Mr. Paul Leonard (Project Officer, EPA Region III) and Mr. Kevin Scott (Analytical Chemist, Weston Analytics - Tactical Assistance Team). The contractor for this operation was Environmental Options, Incorporated, Roanoke, Virginia.

Upon my arrival, I was greeted by Mr. Paul Leonard and given a tour of the site. As we walked, Mr. Leonard explained the history of operations (Matthews Electroplating) and specific areas of former contamination. According to Mr. Leonard, Area A (see Sketch I) was the focus of attention during the initial RI/FS phase of this site, particularly because of high levels of chromium which had leached into the ground water. The most current sampling indicates that soils and wells on site, up and down stream, have concentrations of chromium well below maximum contaminant levels (MCL's).

Therefore, the removal operations would consist of dewatering liquid and sludge from Tank A into several fifty-five gallon drums and the overpacking of four deteriorated drums. Subsequently, it was discovered that Tank B contained a sufficient amount of what appeared to be chromium residue (powder). This material would be removed, placed in a fifty-five gallon drum and the tank rinsed and dried.

The following attachment is a detailed log of activities which occurred during the removal. Should you require additional clarification or information, please advise.

cc: K.C. Das
Jonathan D. Horin
Cynthia V. Bailey

Attach.

ATTACHMENT

MATTEWS ELECTROPLATING (VA - 106)
REMOVAL ACTION
FIELD LOG

Personnel: Charles Dipoto, OSC - Region III
Paul Leonard, PO - Region III
Kevin Scott, Chemist - Weston TATS
Gerould McCoy, Chemist - DWM - RSF
E.O , Three (3) Recovery Technicians

Planned for Removal: Chromium contaminated liquid, sludge and powder from two (2) 2000 to 3000 gallon capacity above ground storage tanks. Tanks are approximately five (5) feet diameter, ten (10) feet in length.

Four (4) deteriorated fifty-five gallon drums.

DESCRIPTION OF ACTIVITIES

8:00 a.m.

Environmental Options, Incorporated arrival.

8:30 a.m.

EPA Region III, Project Officer and On-Scene Coordinator arrive.

8:50 a.m.

Remedial Superfund Program representative arrival.

9:05 - 9:30 a.m.

Site Briefing (EPA); tour of facility, history.

9:30 - 10:15 a.m.

Staging for overpacking, pre-drum labeling (EO).

10:30 - 11:30 a.m.

Dewatering of Tank A; dilute chromium solution, sludge, and general debris. (EO)

11:00 a.m.

Amo Pollution Services (transporter), Canonsburg, Pennsylvania arrives.

11:42 a.m.

Decision by EPA and RSF to cut Tank A to facilitate better cleaning of remaining contents and to prevent trespassing by nearby residents after departure.

12:05 p.m.

EO begins cutting Tank A.

12:15 p.m.

Tank A cutting completed.

12:17 p.m.

EPA, TATS, DWM discover powderish residue inside Tank B. Tentative identification of material, chromium.

12:45 p.m.

E.O. begin Tank B cutting to allow a wider access for complete extraction and flushing of dried chromium.

1:00 p.m.

Tank B cutting completed.

1:15 p.m. - 1:45 p.m.

LUNCH

1:50 p.m. - 3:00 p.m.

E.O. extracts sludge from Tank A. Material is placed in plastic lined fifty-five gallon drums.

3:20 - 4:40 p.m.

E.O. extracts chromium powder. Material placed in plastic lined fifty-five gallon drums.

4:55 - 5:15 p.m.

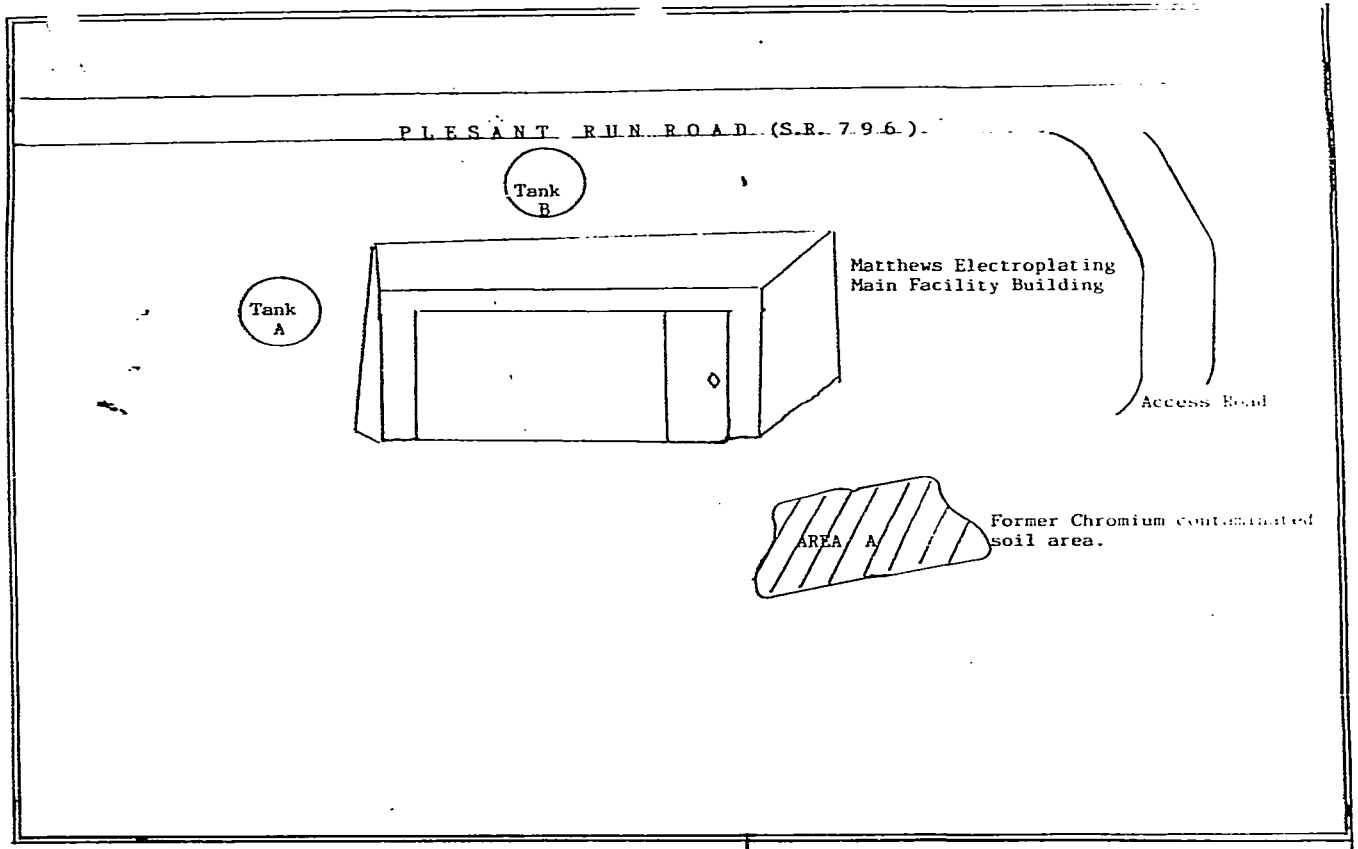
Tanks A and B are thoroughly rinsed and dried. Water is collected and drums packed.

5:35 p.m. - 6:00 p.m.

E.O./Amo Pollution Services begin loading drums onto truck.

PHASE	QUANTITY
Liquids	11 drums
Sludge	14 drums
Overpacks	5 drums
Solids	2 drums
SUM TOTAL	32 drums

6:12 p.m. Operations ceased, EPA, RSF, TATS, E.O., AMO depart.



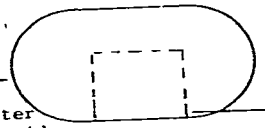
COMMONWEALTH of VIRGINIA

Matthews Electroplating (VA - 106) Salem, VA		
DRAWN BY: gjm	REVIEWED: gjm	DATE: 4-/-85

FIGURE NO: 1

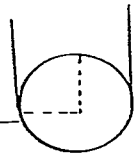
MATTHEWS ELECTROPLATING

(VA - 106)



Tank B - Located adjacent to Main facility bldg. Contents: apprx. one quarter to one foot of chromium residue.

CUT AWAY SECTION (apprx. 1 - 2 feet)



CUT AWAY SECTION

(apprx. 2' x 2')

Tank A - Located approximately five feet from southern portion of main facility bldg. Contents: 1000 to 1500 gallons of dilute Chromium sloution, rainwater, sludge, leaves and general debris.

* NOTE: The materials extracted from these tanks were placed in 55 gallon drums and transported off-site. The actual identification of the residue from Tank$_B$ will be determined by OH Materials TSD, located in Philadelphia, Pennsylvania.

COMMONWEALTH of VIRGINIA

ABOVE GROUND STORAGE TANKS CUT AWAY(S)

DRAWN BY: gjm	REVIEWED: gjm	DATE: 5/7/88

FIGURE NO: VA - 11